NUREG-0800
(Formerly NUREG-75/087)

U.S. NUCLEAR REGULATORY COMMISSION

STANDARD REVIEW PLAN

OFFICE OF NUCLEAR REACTOR REGULATION

Appendix 7-B

General Agenda, Station Site Visits

An important part of the review at the operating license stage is a site visit. It is preferable to have the site visit sometime before the completion of the drawing review. The purpose of the site visit is to supplement the review of the design based on the drawings and to evaluate the actual implementation of the design as installed at the site. The NRC Regional Office, having jurisdiction over the plant under consideration, should be notified in advance of the visit so that the regional inspectors can become familiar on a first-hand basis with findings that may require follow-up action. Since proper implementation of design is the ultimate goal of the technical review process, the importance of a site visit is self-evident. The following is a typical general agenda that may be used as a guide for developing a specific agenda for the plant under review.

1. Preliminary Discussions

a. Unresolved items

b. Plant layout for touring

c. Special interest areas

2. Control Room

a. General layout

b. Nuclear and reactor protection instrument arrangement, separation, and layout

c. Rod position indication

d. Protection system initiation, bypass switch arrangements, and status panels

e. Engineered safety feature initiation and bypass switch arrangements and status panels

f. Panel wiring separation and isolation

3. Instrument Rooms

a. General layout

b. Protection system racks and panels

c. Testing features

d. Component separation and isolation

e. Panel wiring separation and isolation

4. Local Instrument Racks/Piping

a. Physical separation and single failure

b. Potential for damage due to fire, flooding, etc.

c. Test features

5. Reactor Building and Turbine Building

a. Protection system instrument arrangement, separation, and layout

b. Potential for instrument damage due to fire, missiles, etc.

c. Separation of piping and wiring to redundant instruments

d. Provisions for testing protection instruments

6. Shutdown Outside Control Room

a. Remote shutdown panels arrangement, separation, and layout

b. Local control and indication features